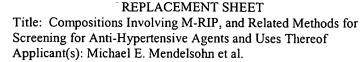
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K)		Customer No 21339	
Fig0/re 1		,	
	of 2		
Human:		MSAAKENPCRKFQANIFNKSKCQNCFKPREPHLLNDEDLTQAKPIYGGWLLLAPDGTDFD MSAAKENPCRKFQANIFNKSKCQNCFKPRE HLLNDEDLTQAKPIYGGWLLLAPDGTDFD	
Mouse:	1	MSAAKENPCRKFQANIFNKSKCQNCFKPRESHLLNDEDLTQAKPIYGGWLLLAPDGTDFD	60
Human:	61	NPVHRSRKWQRRFFILYEHGLLRYALDEMPTTLPQGTINMNQCTDVVDGEGRTGQKFSLC NPVHRSRKWQRRFFILYEHGLLRYALDEMPTTLPQGTINMNQCTDVVDGE RTGQKFSLC	120
Mouse:	61	NPVHRSRKWQRRFFILYEHGLLRYALDEMPTTLPQGTINMNQCTDVVDGEARTGQKFSLC	120
Human:	121	ILTPEKEHFIRAETKEIVSGWLEMLMVYPRTNKQNQKKKRKVEPPTPQEPGPAKVAVTSS ILTP+KEHFIRAETKEI+SGWLEMLMVYPRTNKQNQKKKRKVEPPTPQEPGPAK+AVTSS	180
Mouse:	121	ILTPDKEHFIRAETKEIISGWLEMLMVYPRTNKQNQKKKRKVEPPTPQEPGPAKMAVTSS	180
Human:	181	SSSSSSSIPSAEKVPTTKSTLWQEEMRTKDQPDGSSLSPAQSPSQSQPPAASSLREP S +S SSSSIPSAEKVPTTKSTLWQEEMR KDQPDG+SLSPAQSPSQSQPPAA + REP	238
Mouse:	181	SGGTSGSSSSIPSAEKVPTTKSTLWQEEMRAKDQPDGTSLSPAQSPSQSQPPAACTPREP	240
Human:	239	GLESKEEESAMSSDRMDCGRKVRVESGYFSLEKTKQDLKAEEQQLPPPLSPPSPSTPNHR GLESKE+ES +S DR+D GRKVRVESGYFSLEK KQDL+AEEQ LPP LSPPSPSTP+ R	298
Mouse:	241	GLESKEDESTISGDRVDGGRKVRVESGYFSLEKAKQDLRAEEQ-LPPLLSPPSPSTPHSR	299
Human:	299	RSQVIEKFEALDIEKAEHMETNA-VGPSPSSDTRQGRSEKRAFPRKRDFTNEAPPAPLPD RSQVIEKFEALDIEKAEHMETN + +PSSDTRQGRSE+RA PRKRDF +EAP APL D	357
Mouse:	300	RSQVIEKFEALDIEKAEHMETNMLILTTPSSDTRQGRSERRAIPRKRDFASEAPTAPLSD	359
Human:	358	ASASPLSPHRRAKSLDRRSTEPSVTPDLLNFKKGWLTKQYEDGQWKKHWFVLADQSLRYY A PLSPHRRAKSLDRRSTE S+TPDLLNFKKGWLTKQYEDGQWKKHWFVLADQSLRYY	417
Mouse:	360	ACPLSPHRRAKSLDRRSTESSMTPDLLNFKKGWLTKQYEDGQWKKHWFVLADQSLRYY	417
Human:	418	RDSVAEEAADLDGEIDLSACYDVTEYPVQRNYGFQIHTKEGEFTLSAMTSGIRRNWIQTI RDSVAEEAADLDGEI+LS CYDVTEYPVQRNYGFQIHTKEGEFTLSAMTSGIRRNWIQTI	
Mouse:		RDSVAEEAADLDGEINLSTCYDVTEYPVQRNYGFQIHTKEGEFTLSAMTSGIRRNWIQTI	
Human:		MKHVHPTTAPDVTSSLPEEKNKSSCSFETCPRPTEKQEAELGEPDPEQKTSRARERRREG MKHV P +APDVTSSLPE KNKS+ SFETC R TEKQEAE GEPDPEQK SRARERRREG	
Mouse:		MKHVLPASAPDVTSSLPEGKNKST-SFETCSRSTEKQEAEPGEPDPEQKKSRARERRREG	
Human:		RSKTFDWAEFRPIQQALAQERVGGVGPADTHEPLRPEAESGELERERARREEERKRFGM RSKTFDWAEFRPIQQALAQER VG +D+ +P EAE GELERERARREE RKRFGM	
Mouse:		RSKTFDWAEFRPIQQALAQERASAVGSSDSGDPGCLEAEPGELERERARREEPRKRFGM	
Human:		LDATDGPGTEDAALRMEVDRSPGL-PMSDLKTHNVHVEIEQRWHQVETTPLREEKQVPIA LD DGPG ED ALRM++DRSPGL DLKT NVHVEIEQRWHQVETTPLREEKQVPIA	
Mouse:		LDTIDGPGMEDTALRMDIDRSPGLLGTPDLKTQNVHVEIEQRWHQVETTPLREEKQVPIA	
Human:		PVHLSSEDGGDRLSTHELTSLLEKELEQSQKEASDLLEQNRLLQDQLRVALGREQSAREG P+HLS ED +RLSTHELTSLLEKELEQSQKEASDLLEQNRLLQDQLRVALGREQSAREG	
Mouse:		PLHLSLEDRSERLSTHELTSLLEKELEQSQKEASDLLEQNRLLQDQLRVALGREQSAREG	
	717	YVLQATCERGFAAMEETHQKKIEDLQRQHQRELEKLREEKDRLLAEETAATISAIEAMKN	776
Mouse:		YVLQATCERGFAAMEETHQKKIEDLQRQHQRELEKLREEKDRLLAEETAATISAIEAMKN	
Human:		AHREEMERELEKSQRSQISSVNSDVEALRRQYLEELQSVQRELEVLSEQYSQKCLENAHL AHREEMERELEKSQRSQISS+NSD+EALRRQYLEELQSVQRELEVLSEQYSQKCLENAHL	
Mouse:	777	AHREEMERELEKSQRSQISSINSDIEALRRQYLEELQSVQRELEVLSEQYSQKCLENAHL	836

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Figure 1A PAGE 2 of 2

Human: 837 AQALEAERQALRQCQRENQELNAHNQELNNRLAAEITRLRTLLTGDGGGEATGSPLAQGK 896
AQALEAERQALRQCQRENQELNAHNQELNNRLAAEITRLRTLLTGDGGGE+TG PL QGK
Mouse: 837 AQALEAERQALRQCQRENQELNAHNQELNNRLAAEITRLRTLLTGDGGGESTGLPLTQGK 896

Human: 897 DAYELEVLLRVKESEIQYLKQEISSLKDELQTALRDKKYASDKYKDIYTELSIAKAKADC 956
DAYELEVLLRVKESEIQYLKQEISSLKDELQTALRDKKYASDKYKDIYTELSIAKAKADC 956

Mouse: 897 DAYELEVLLRVKESEIQYLKQEISSLKDELQTALRDKKYASDKYKDIYTELSIAKAKADC 956

Human: 957 DISRLKEQLKAATEALGEKSPDSATVSGYDIMKSKSNPDFLKKDRSCVTRQLRNIRSKSV 1016
DISRLKEQLKAATEALGEKSP+ TVSGYDIMKSKSNPDFLKKDRSCVTRQLRNIRSKSV 1016

Human: 1017 IEQVSWDT 1024

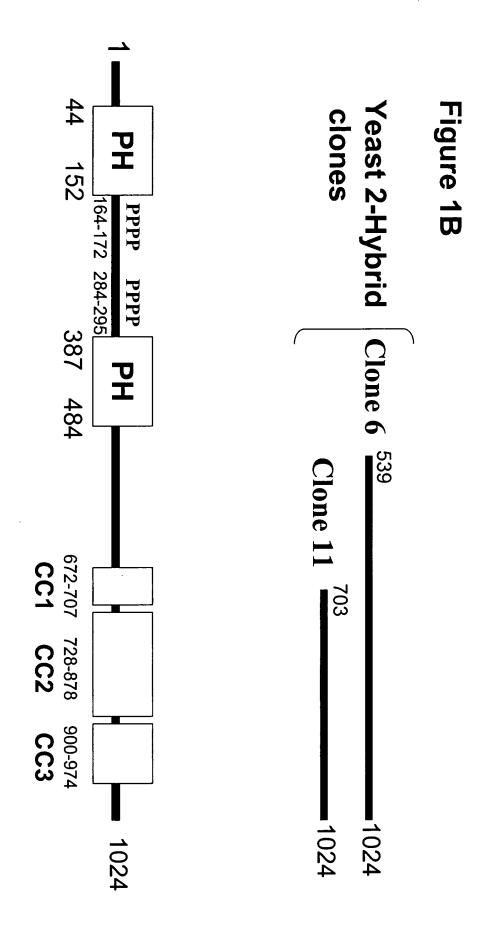
IEQVSWD

Mouse: 1017 IEQVSWDN 1024

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FIGURE 1C

SEQ ID NO: 19

ATGTCGGCAGCCAAGGAAACCCGTGCAGGAAATTCCAGGCCAACATCTTCAACAAGAGCAAGTGTCAG AACTGCTTCAAGCCCCGCGAGCCGCATCTGCTCAACGACGAGGACCTGACGCAGGCAAAACCCATTTAT GGCGGTTGGCTCCTGGCTCCAGATGGGACCGACTTTGACAACCCAGTGCACCGGTCTCGGAAATGG CAGCGACGGTTCTTCATCCTTTACGAGCACGGCCTCTTGCGCTACGCCCTGGATGAGATGCCCACGACC CTTCCTCAGGGCACCATCAACATGAACCAGTGCACAGATGTGGTGGATGGGGAGGGCCGCACGGGCCAG AAGTTCTCCCTGTGTATTCTGACGCCTGAGAAGGAGCATTTCATCCGGGCGGAGACCAAGGAGATCGTC AGTGGGTGGCTGGAGATGCTCATGGTCTATCCCCGGACCAACAAGCAGAATCAGAAGAAGAAACGGAAA GTGGAGCCCCCACACCACAGGAGCCTGGGCCTGCCAAGGTGGCTGTTACCAGCAGCAGCAGCAGCAGC AGCAGCAGCAGCATCCCCAGTGCTGAGAAAGTCCCCACCACCAAGTCCACACTCTGGCAGGAAGAAATG GCTGCCAGCTCCCTGCGGGAACCTGGGCTAGAGAGCAAAGAAGAGAGGGGGCGCCATGAGTAGCGACCGC ATGGACTGTGGCCGCAAAGTCCGGGTGGAGAGCCGGCTACTTCTCTCTGGAGAAGACCAAACAGGACTTG AAGGCTGAAGAACAGCAGCTGCCCCGCCGCTCTCCCCTCCCAGCCCCAGCACCCCAACCACAGGAGG TCCCAGGTGATTGAAAAGTTTGAGGCCTTGGACATTGAGAAGGCAGAGCACATGGAGACCAATGCAGTG GGGCCCTCACCATCCAGCGACACACGCCAGGGCCGCAGCGAGAAGAGGGGCGTTCCCTAGGAAGCGGGAC TTCACCAATGAAGCCCCCCCAGCTCCTCTCCCAGACGCCTCGGCTTCCCCCCTGTCTCCACACCGAAGA GCCAAGTCACTGGACAGGAGGTCCACGGAGCCCTCCGTGACGCCCGACCTGCTGAATTTCAAGAAAGGC TGGCTGACTAAGCAGTATGAGGACGGCCAGTGGAAGAAACACTGGTTTGTCCTCGCCGATCAAAGCCTG ACCCTGTCGGCCATGACATCTGGGATTCGGCGGAACTGGATCCAGACCATCATGAAGCACGTGCACCCG ACCACTGCCCGGATGTGACCAGCTCGTTGCCAGAGGAAAAAAACAAGAGCAGCTGCTCTTTTGAGACC TGCCCGAGGCCTACTGAGAAGCAAGAGGCAGAGCTGGGGGGGCCGGACCCTGAGCAGAAGACGAGCCGC GCACGGGAGCGGAGGCGAGAGGCCGCTCCAAGACCTTTGACTGGGCTGAGTTCCGTCCCATCCAGCAG GCCCTGGCTCAGGAGCGGGTGGGCGTGGGGCCTGCTGACACCCACGAGCCCCTGCGCCCTGAGGCC GACGCCACAGACGGGCCAGGCACTGAGGATGCAGCCCTGCGCATGGAGGTGGACCGGAGCCCAGGGCTG CCTATGAGCGACCTCAAAACGCATAACGTCCACGTGGAGATTGAGCAGCGGTGGCATCAGGTGGAGACC ACACCTCTCCGGGAAGAAGCAGGTGCCCATCGCCCCCGTCCACCTGTCTTCTGAAGATGGGGGTGAC CGGCTCTCCACACGCGGGCTGACCTCTCTGCTCGAGAAGGAGCTGGAGCAGAGCCAGAAGGAGGCCTCA GACCTTCTGGAGCAGAACCGGCTCCTGCAGGACCAGCTGAGGGTGGCCCTGGGCCGGGAGCAGAGCGCC CGTGAGGGCTACGTGCAGGCCACGTGCGAGCGAGGGTTTGCAGCAATGGAAGAAACGCACCAGAAG AAGATTGAAGATCTCCAGAGGCAGCACCAGCGGGAGCTAGAGAAACTTCGAGAAGAGAAAAGACCGCCTC CTAGCCGAGGAGACAGCGGCCACCATCTCAGCCATCGAAGCCATGAAGAACGCCCACCGGGAGGAAATG GAGCGGGAGCTGGAGAAGAGCCAGCGGTCCCAGATCAGCAGCGTCAACTCGGATGTTGAGGCCCTGCGG CGCCAGTACCTGGAGGAGCTGCAGTCGGTGCAGCGGGAACTGGAGGTCCTCTCGGAGCAGTACTCGCAG AAGTGCCTGGAGAATGCCCATCTGGCCCAGGCGCTGGAGGCCGAGCGGCAGGCCCTGCGGCAGTGCCAG CGTGAGAACCAGGAGCTCAATGCCCACAACCAGGAGCTGAACAACCGCCTGGCTGCAGAGATCACACGG TTGCGGACGCTGCTGACTGGGGACGCGGTGGGGAGGCCACTGGGTCACCCCTTGCACAGGGCAAGGAT GCCTATGAACTAGAGGTCTTATTGCGGGTAAAGGAATCGGAAATACAGTACCTGAAACAGGAGATTAGC TCCCTCAAGGATGAGCTGCAGACGGCACTGCGGGACAAGAAGTACGCAAGTGACAAGTACAAAGACATC TACACAGAGCTCAGCATCGCGAAGGCTAAGGCTGACTGTGACATCAGCAGGTTGAAGGAGCAGCTCAAG GCTGCAACGGAAGCACTGGGGGAGAAGTCCCCTGACAGTGCCACGGTGTCCGGATATGATAATGAAA TCTAAAAGCAACCCTGACTTCTTGAAGAAAGACAGATCCTGTGTCACCCGGCAACTCAGAAACATCAGG TCCAAGTCCGTAATTGAGCAGGTCTCGTGGGATACCTGA

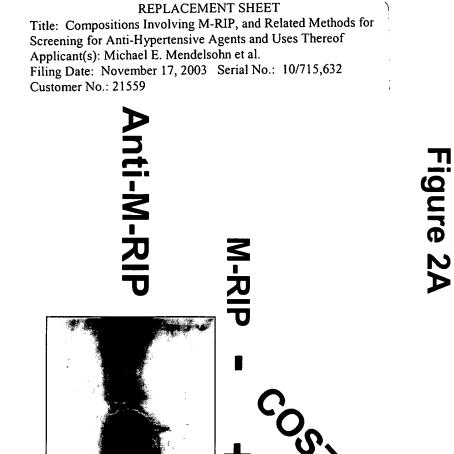


Figure 2B

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Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

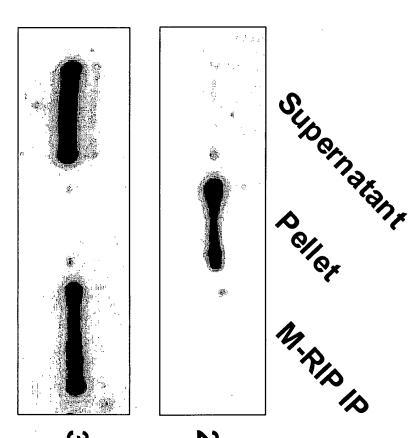
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Anti-M-RIP

Figure 20



350mM NaCl

250mM NaCl

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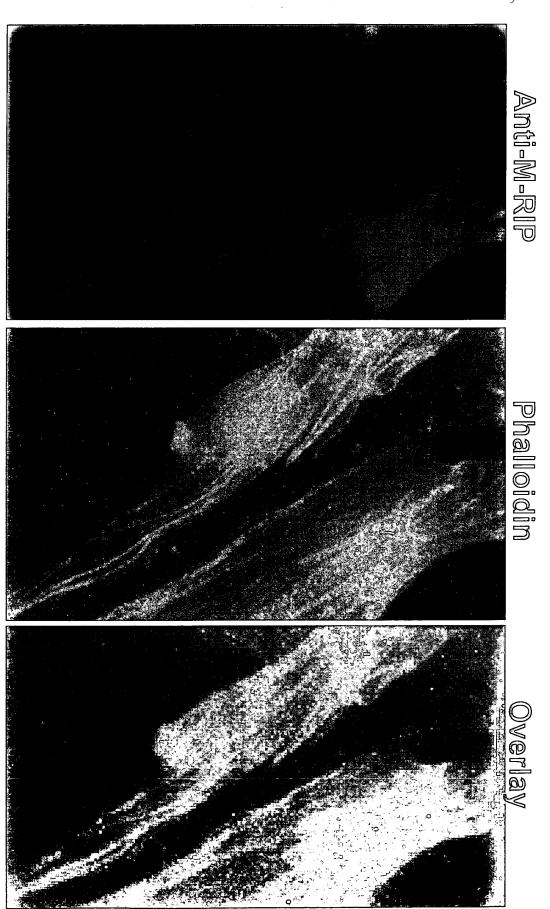


Figure 2D

Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

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Figure 3A **Anti-MBS** Anti-M-RIP Soo Indus Noninnmune log MARIDIA M. RIDIA

Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

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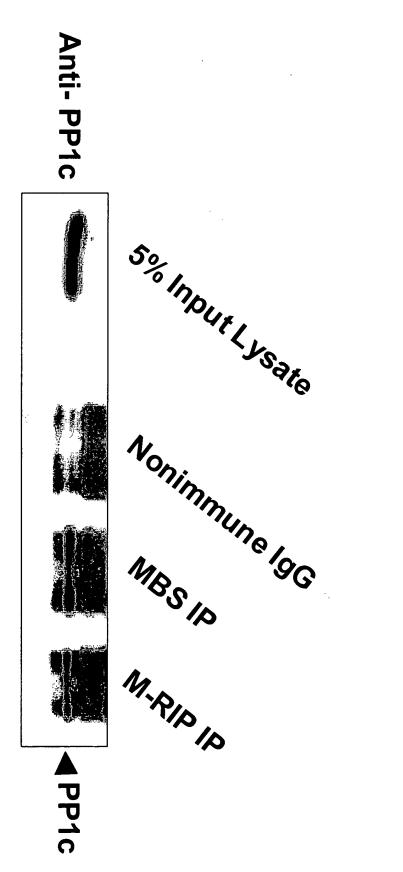


Figure 3B

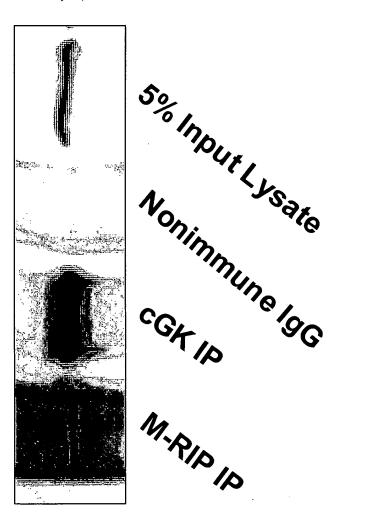
Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

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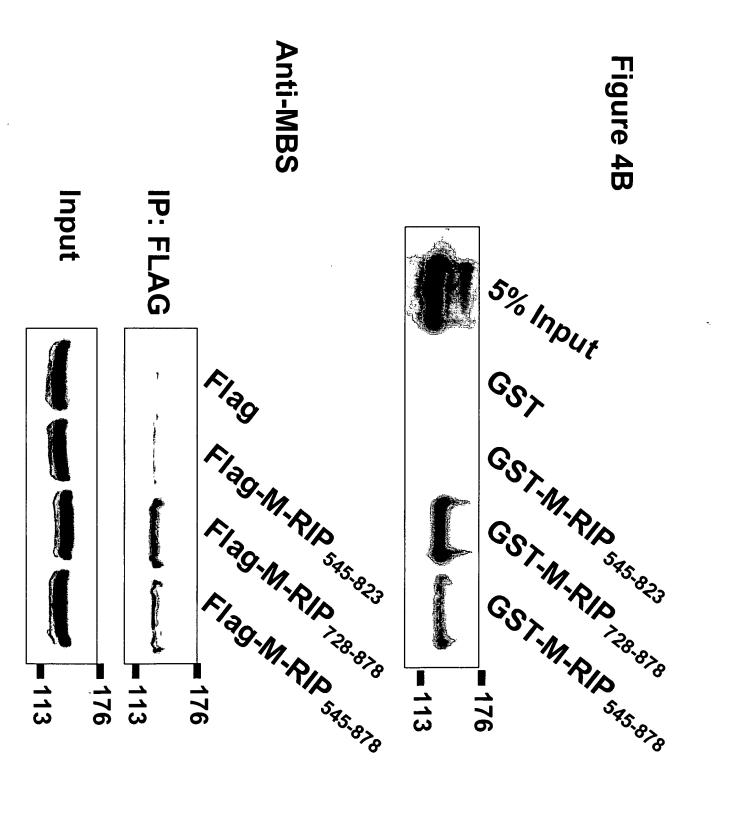
Anti-MBS So Input GST.CC7 GST.CC3 GST.CC3 GST.CGA 7.50

Figure 4A

Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

Applicant(s): Michael E. Mendelsohn et al.

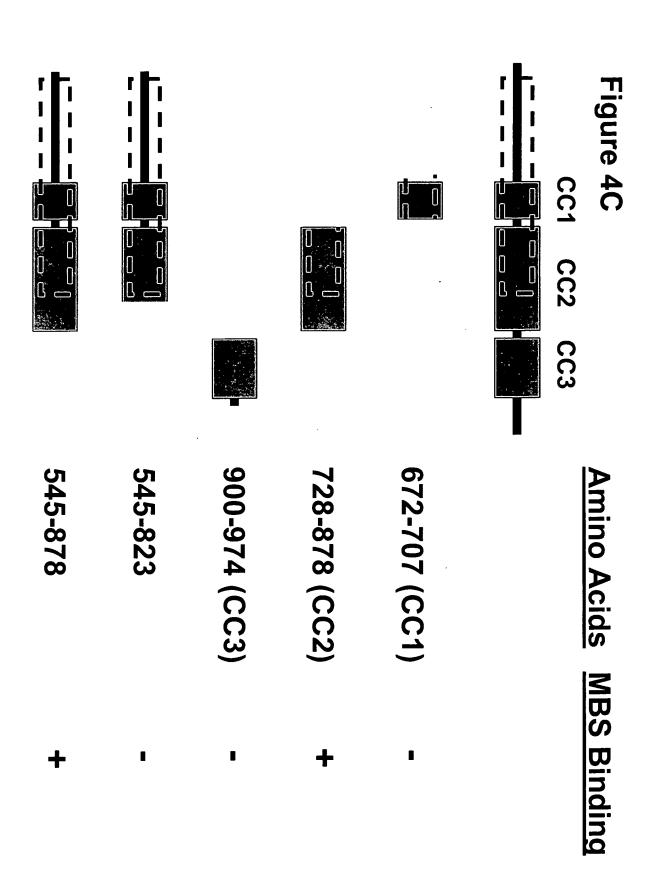
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Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

Applicant(s): Michael E. Mendelsohn et al.

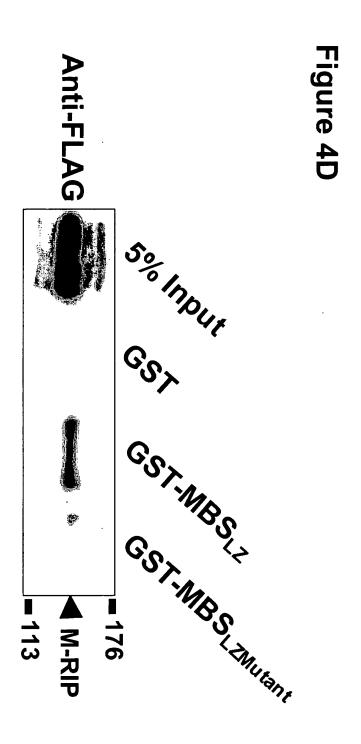
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Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

Applicant(s): Michael E. Mendelsohn et al.

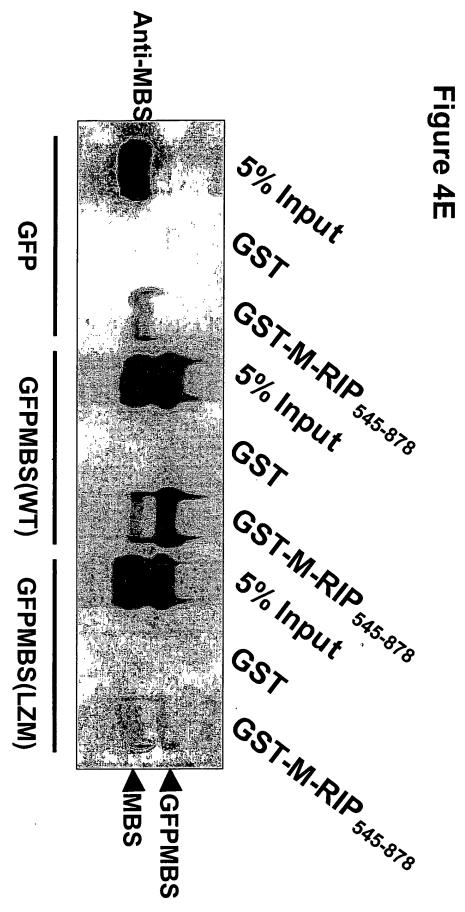
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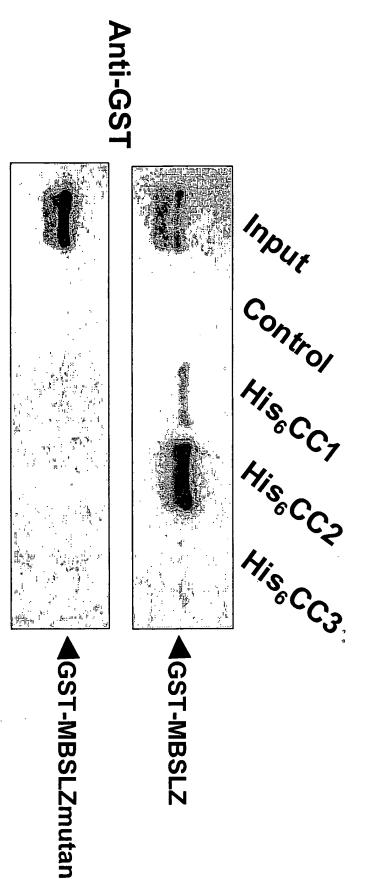
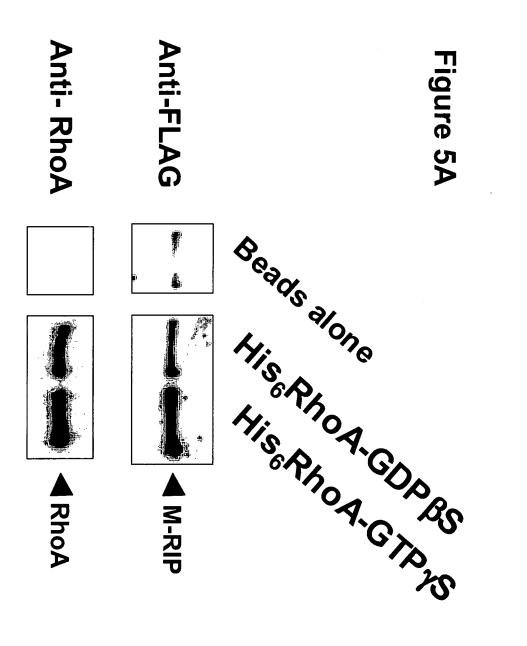


Figure 4F

Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

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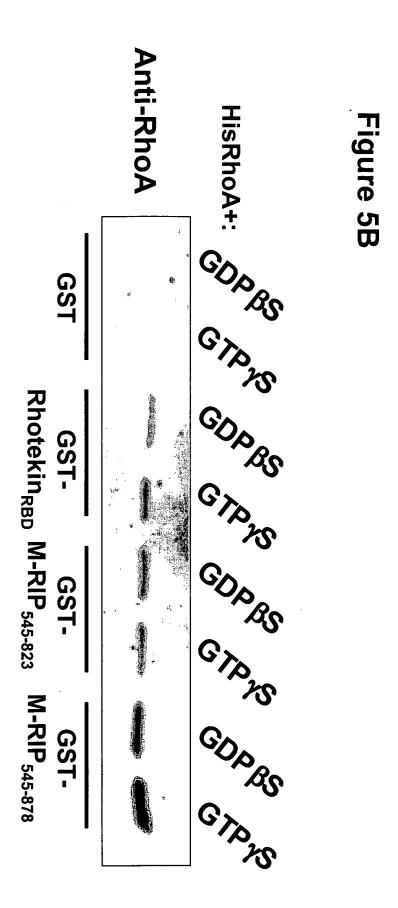
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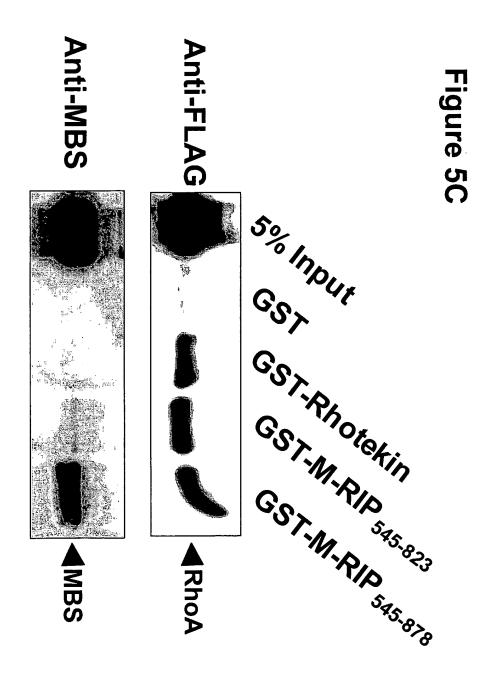


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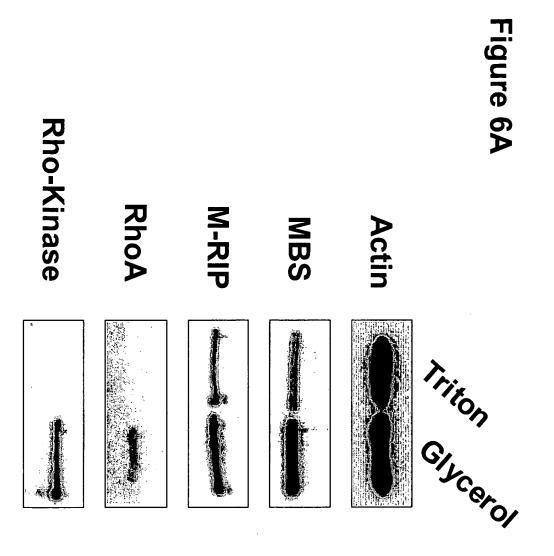


Title: Compositions Involving M-RIP, and Related Methods for

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Phalloidin

Figure 6B, top

M-RIP

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Phalloidin



Figure 6B, middle

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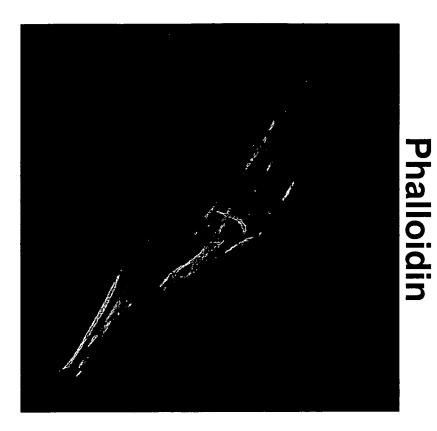
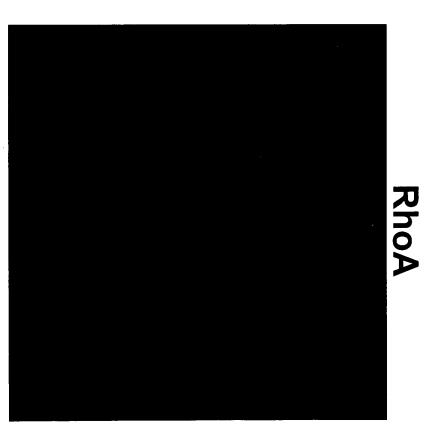


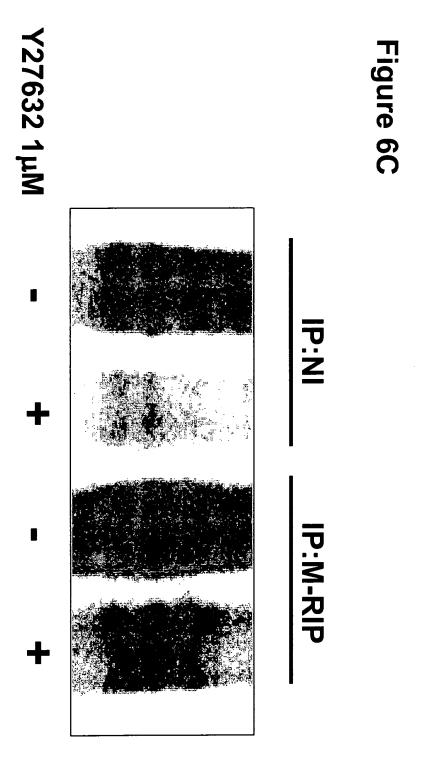
Figure 6B, bottom



Title: Compositions Involving M-RIP, and Related Methods for Screening for Anti-Hypertensive Agents and Uses Thereof

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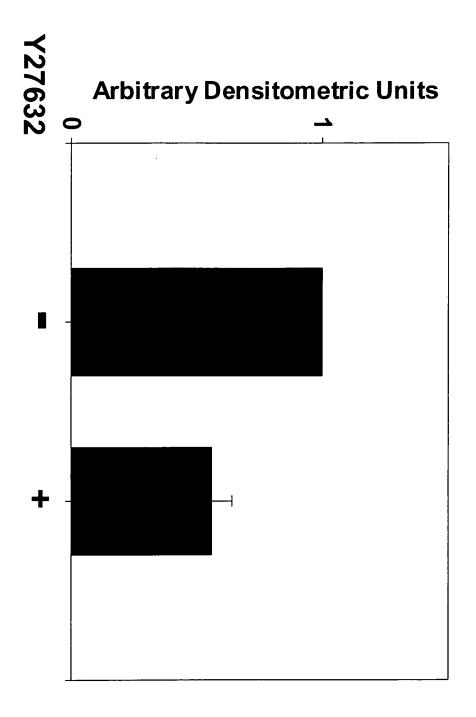


Title: Compositions Involving M-RIP, and Related Methods for

Screening for Anti-Hypertensive Agents and Uses Thereof

Applicant(s): Michael E. Mendelsohn et al.

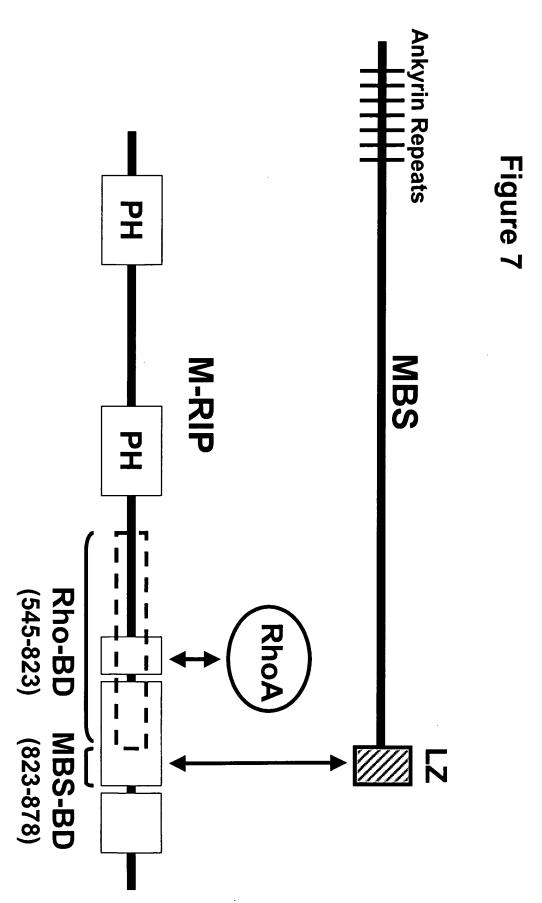
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